



Four, Five and Six-Place JarStar3, FS6000 stirrers.

Boltac, making Stainless steel stirrers, since 1991.

CE Certified power supply.

Speeds from 1 rpm to 400 rpm in 1 rpm increments!!

“FS6000” series stirrer.

With 24-month warranty.



Left, “no base”, and optional tapped jars.

Right photo shows base fitted.

General Information

Jar stirrers are an essential aid to an operator making informed decisions about coagulant dose rates etc.

This new JarStar3 FS6000 range of jar stirrers covers 4, 5 or 6 Jar stirrer for conducting coagulation/ flocculation tests in raw water samples in order to determine optimum dose for water clarification.

The FS6000 series unit can run manually and via a built in 5- step program, or in a pre-programmed auto mode.

THE DESIGN/BUILD of the FS6000 series stirrers.

Aptly described as Rugged, Compact, and Light Weight.

Chassis - Stainless steel construction. - **Now, 316 stainless**

Boltac JarStar FS6000 stirrers are constructed from laser cut, cnc folded 316 stainless steel for a **superior** corrosion resistance, strength, accuracy, appearance, and longest possible life.

Stainless has been a Boltac Industries hallmark, used since 1991.

Moving to 316 (up from 304) grade for superior corrosion resistance enhances the extremely successful JarStar & JarStar// models of Boltac stirrers.

The end plates are cnc routed HDPE (high density polyethylene) and are fixed via a specially engineered relationship between the stainless screws and the chassis and end plates.

There are no welded components on this stirrer.

Based on quality and reliability measures gained since development of Boltac stirrers began, this stirrer has reliability in its heritage, using the same mechanical components used in JarStar and JarStar// stirrers which have run faultlessly in service since 1991.

Redesigned drive transmission provides more energy with more efficiency and less noise, even at 400 rpm.

Non-slip feet are an integral part of the HDPE end plates, recessed for protection and longevity.

FS6000 stirrers can be supplied with a base, individual paddles are raised and locked in place, or without base (to facilitate simultaneous paddle raising by just lifting the whole stirrer from the jars and placing behind the jars, - client to choose).

Boltac Industries has maintained the same jar/paddle relationship to ensure performance and jar test results are the same as all other Boltac stirrers.

Stand version (with stainless steel base plate).

The machine can be supplied with a base, individual paddle that can be raised and locked in place while rotating and can be left in the raised position while the unit is operating.

Lift version.

This stirrer is the same as the stand version but without base (to facilitate simultaneous paddle raising by just lifting the whole stirrer from the jars and placing behind the jars.

With the "lift" version, the paddles can be raised the same way as on the stand model, but with the added feature where the whole stirrer can be easily lifted and moved back and away from the jars, providing maximum access to the jars.

This option offers; singular or individual paddle lift and/or, simultaneous lifting of all paddles.

In both versions, the spindle bearings are never in contact with the sample.

Jars.

Square, 1 litre, almost indestructible graduated polycarbonate stirrer jars which are capable of safely handling sugar syrup at over 105 degrees C.

Lighting.

The **FS6000 series** jar stirrers are fitted with adequate lighting to view jar testing and floc settling process, making good use of ADJUSTABLE modern intense white LED lighting. No heat transfer" from the light source (no need to purchase an extra "light box").

Lights come on at the first program step and go off at the end of the inbuilt program or can be programmed to come on/off throughout any program if required.

Power Supply.

JarStar FS6000 stirrers are powered by a **CE Certified** 24-volt dc wall plug-pack. The plug pack is connected to the mains power supply via a standard PC-type power lead. Use Boltac stirrers internationally, no voltage worries.

Use our cigarette lighter socket power adapter to run from the 12 volts dc in your vehicle when working in remote areas.

Shipping Weight 14kg (approximate)

Power Supply Voltage

In the lab, the stirrer connects to a “laptop type” power pack which provides a safe, 24 volts DC or, out in the field, use a **cigarette lighter socket power adaptor** for vehicular use in remote areas (optional).

Warranty

NEW 24-month factory warranty from date of despatch (on client RTB basis).

Warranty covers faulty components or workmanship.

Warranty period begins on date of despatch.

Service/advice is available direct from Boltac Industries.

Boltac Industries values the importance of client support via phone or email.

Optional spares/extras

Square Jars (extras). – graduated to 1 litre, almost indestructible polycarbonate jars. The FS6000 stirrer is supplied with 4, 5, or 6 x square jars.

Tapped jars (*see photo*) for accurate sampling of the liquid after jar testing.

A dust cover with safe pouch for operations manual can also be supplied.

A rugged, lightweight composite material carrycase with carry straps and Velcro closure is optional.

(Round Pyrex beakers (1 litre) are available upon request).

Please note, extra jars may create additional freight costs.

Boltac Industries manufactured Jar Stirrers are used by water and wastewater treatment plant operators, chemical suppliers, consultants, and engineers, polytechnical and universities worldwide.

Email and telephone support available.

(Due to the exceedingly early stage in production, the FS6000 photos not currently on the Boltac website).

Email or telephone support available.

Boltac Industries has a continuous product improvement policy. Certain control aspects described above are subject to alteration prior to appearing on the Boltac Industries website. The altered aspects will not detract from the FS6000 performance or operator experience.